

## IN THE SPECIFICATION

### 1. Amended Paragraphs

Please replace the following paragraphs of the specification. Applicant includes herewith an Attachment for Specification Amendments showing a marked up version of each replacement paragraph.

Please replace the Paragraph at page 4, lines 21 – 23 with the following paragraph:

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According to this invention, provided is the sensor device wherein the solution of a material of the thin film comprises an electro-conductive polymer dissolved in a solvent.

T Please replace the Paragraph at page 4, lines 24 – line 27 with the following paragraph: ]

C1 According to this invention, provided is the sensor device wherein the solution of a material of the thin film comprises a solution of a silicone-based surface modifying agent, or a mixture thereof with a solvent.

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Please replace the Paragraph at page 5, lines 1 – 5 with the following paragraph:

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C2 According to this invention, provided is the sensor device wherein the solution of a material of the thin film comprises a mixture resulting from dissolution of a thiol compound in a solvent, and gold thin films are formed on the surface of the electrodes.